

Notice of Allowability

Applicati n N .

10/673,022

Examin r

Burton S. Mullins

Applicant(s)

ROSCHIN ET AL.

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application papers filed 27 September 2003.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ The drawings filed on 27 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Burton S. Mullins
Primary Examiner
Art Unit: 2834

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 1, on line 3, insert —the— before “periphery”. On line 5, line 7 and line 8, respectively, insert —the— before “magnet rotors”. On line 13 insert —the— before “top circular endplate”. On line 15, insert—the— before “bottom circular” and delete “in”. On line 17, insert —the— before “inner cylinder” and —the— before “stator”.

In claim 5, line 1, delete “is comprised of” and replace with —comprises—.

In claim 6, on line 4, insert —means— before “between”. On line 6, delete “by means of a coaxial” and replace with —a—. On line 7, insert —coaxial with and— before “in the stator ring”. On line 7, insert —the— before “bottom circular”. On line 9, insert —the— before “inner cylinder” and before “stator ring”.

In claim 7, line 3 insert —the— before “periphery”. On lines 5, 7 and 8, respectively, insert —the— before “magnet rotors”. On line 9, insert —the— before “stator ring”. On line 13, insert —the— before “top circular”. On line 15, insert —the— before “bottom circular” and delete “in”. On line 17, insert —the— before “inner cylinder” and before “stator”. On line 18, delete “and” and replace “where in” with —wherein—.

In claim 10, lines 1-2, delete “is comprised of” and replace with —comprises—.

Art Unit: 2834

2. The following is an examiner's statement of reasons for allowance: The prior art does not teach the claimed homopolar machine including the combination of, inter alia, plural cylindrical magnet rotors circumferentially arranged about a central stator ring, with non-slip friction rolling means between the rotors and stator ring, top and bottom circular endplates with a bearing securing ends of each rotor thereto, an electrically insulating bearing rotatably securing the center of the bottom circular endplate to a coaxial inner cylinder located between the axle and stator ring, and a circular assembly rigidly attaching the inner cylinder to the stator ring.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance." Any inquiry concerning this communication or earlier communications from the examiner should be directed to Burton S. Mullins whose telephone number is 571-272-2029. The examiner can normally be reached on Monday-Friday, 9 am to 5 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 571-272-2034. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2834

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Burton S. Mullins
Primary Examiner
Art Unit 2834

bsm
29 June 2004